

**Remarks:**

This application has been reviewed carefully in view of the Office Action mailed September 17, 2004 (“the Office Action”). In the Office Action, the Abstract of the Disclosure was objected to for containing more than 150 words, as well as for grammatical errors. The specification was also objected to for grammatical errors. Additionally, claims 1-11 were objected to as containing certain informalities. Claims 1-5 and 7-11 were rejected over the references of record.

Applicant notes with appreciation that claim 6 was acknowledged to be allowable over the references of record if rewritten in independent form. Substantively, Applicant now incorporates allowable-over-the-art claim 6 (along with intermediate claim 5) into claim 1, and cancels claims 5-7 and 11.

More particularly, the above-described objections and rejections are addressed as follows:

**A. OBJECTION TO THE ABSTRACT OF THE DISCLOSURE**

Applicant now provides an amended Abstract of the Disclosure addressing the above-described objections regarding the Abstract of the Disclosure.

**B. OBJECTION TO THE SPECIFICATION**

Applicant now provides an amended Substitute Specification addressing the above-described objections regarding the Specification. As noted above, no new matter has been added to the application with this amendment.

**C. CLAIM OBJECTIONS**

Claim 1 was objected to for being in outline format ((A), (B), etc.). Claims 1-11 were objected to for containing certain other informalities. The claims are now amended to address these objections, including the removal of the outline format as requested by the Examiner. Because the removal of the outline format significantly complicates the wording of the claims, Applicant wishes to verify for the record that the intended meaning of the relevant portions of the amendments are simply to refer to the various clauses that were previously referenced by letter, e.g., "(C) though (E)", and "after said step (E) and prior to said step (F)".

Applicant respectfully notes that such a reference-letter format is considered acceptable when it provides for clarity (as applicant believes it significantly does in this application), and Applicant will be happy to provide amended claims returning to that format if the Examiner should subsequently prefer it.

**D. CLAIM REJECTIONS OVER THE CITED ART**

In the Office Action, claim 6 was acknowledged to be allowable over the references of record if rewritten in independent form, including all of the limitations of the base claim and any intervening claims. Claim 8 was rejected under 35 U.S.C. § 103(a). Applicant respectfully notes that the rejected original claim 8 depends from the allowable original claim 6, and therefore must also be allowable over the cited art.

Applicant has now amended claim 1 to incorporate the limitations of claims 5 and 6, and has canceled claims 5 and 6. Because claim 6 was allowable over the cited art, and because the objection has been addressed by incorporating claim 6 into claim 1, the objection to claim 6 (now amended claim 1) is now overcome. Applicant notes for the record (e.g., for prosecution history estoppel) that the scope of claim 8 has not been narrowed. Additionally, the rejections of and objections to claims 2-4 and 8-10, which depend from claim 1, are now overcome. Thus, because all of the claims now incorporate

the limitations of original claim 6, Applicant requests the rejections of claims 1-4 and 8-10 be withdrawn.

## E. REQUEST FOR INTERVIEW

In light of Applicant's amendments and remarks, Applicant believes that the claims are now in condition for allowance. Nevertheless, if the Examiner identifies issues that merit discussion, or if the Examiner believes that claims of the application should be finally rejected for any reason, then Applicant requests a telephonic interview to efficiently resolve all open issues.

## F. CONCLUSION

In view of the foregoing, Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

Akira KOTO

By: John A. Griecci  
John A. Griecci  
Registration No. 39,694  
For: The Law Office of John A. Griecci

703 Pier Avenue, Suite B #657  
Hermosa Beach, CA 90254  
(310) 376-6527



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## SPECIFICATION

### METHOD OF SEARCHING FOR PERSONS USING COMMUNICATION MEANS

#### Background of the Invention

##### 5 Field of the Invention

The present invention generally relates to a method of searching for persons using a communication means via communication lines such as the internet or telephone line to recruit an unspecified number of participants who are strangers  
10 with each other and produce the mutual encounter among said participants.

#### Background Art

Conventionally, everybody has a desire to discover "another one just like me[ ]" who would exist in this world.

15 The above-described "another one just like me" in this world means, for example, a person having the same look or same way of thinking as mine, ~~and, conventionally~~ Conventionally, there ~~has have been often planned~~ a "look-alike ~~show~~ shows" for famous talents in ~~the mass-communication program~~. However, no  
20 planning has been so far made to search for persons having a similar way of thinking, and only ~~the~~ empirical analysis has been made on whether "a person has a similar way of thinking as that of another person" or "a person has an entirely opposite way of thinking from that of another person" based on a long  
25 term acquaintance.

As described above, it is a primary object of the present invention to provide a method of searching for persons using

a communication means capable of performing a real-time mutual encounter with persons who have the same way of thinking "to mine" or opposite way of thinking "to mine," and to provide a server (apparatus) capable of using said method.

5           Furthermore, it is another object of the present invention to make it possible to objectively evaluate ~~such an~~ empirical statement such as "he closely looks like another person so-and-so" by one's own trial, which, as mentioned above, has ~~been often~~ been evaluated by others (~~which but~~ is difficult  
10   for oneself to evaluate), and furthermore, to provide a novel dramatic direction enabling ~~the encounter~~ encounters with  
between persons who have the same or opposite way of thinking based on said objective evaluation.

          This invention can be applied not only to a case of  
15   searching for persons who have the same or opposite way of thinking as described above but also a supposed encounter with persons having a similar vision for a particular genre such as "baseball" or the same way of thinking for "politics". Other  
20   genre is exemplified by states, celebrities such as talents, etc.

          In view of these circumstances has been made the present invention.

#### **Summary of the Invention**

25           In order to solve the above-described problems, this invention employs the following constructions.

          Namely, the present invention provides a method of

searching for persons using a communication means, said method comprising a plurality of the following steps:

(A) a step whereby a plurality of participants connect their terminals with a server in a condition enabling their mutual  
5 communication via a communication means,

(B) a step whereby each of said participants inputs personal information thereof into said server from said terminals,

(C) a step whereby said server provides a questionnaire that has been stored therein to each of said participants via said  
10 terminals,

(D) a step whereby said participants answer ~~to~~ said questionnaire provided by said server using said terminals,

(E) a step whereby said server detects other participants among a plurality of said participants who have given the same or  
15 a similar answer and/or other participants among a plurality of said participants who have given the opposite answer, and

(F) a step whereby ~~an~~ introductory information prepared based on said mutual personal information is provided via said terminals between said participant and said other participants  
20 who have given the same or a similar answer and/or who have given an opposite answer detected by said detection.

Said communication means includes communications via telephone lines, internet lines or wireless system, and this invention can be applied to any of these communication systems.

25 Said personal information may include address, name, age, gender, credit card number, portable phone number, internet address, information of several tens words for appealing

oneself, or ID ~~code~~ code described below, etc., and, furthermore, said introductory information includes information selected from said personal information, or modified information of said personal information, or said personal information itself.

5           Furthermore, it may be set up that said personal information will be input every time said person is introduced by this invention via said terminal, but a lot of time and labor can be saved by issuing an ID code from said server at the first time of introduction of said person, and inputting said ID code  
10 as said personal information at the time of succeeding introductions by said invention. In this case, said ID code and the previously input personal information are stored corresponding with each other as a lookup table wherein said ID code and said personal information correspond with each other  
15 within said server.

In addition, the present invention is characterized in that, besides the method ~~above-describe~~ above-described, a common deadline for answering said questionnaire by a plurality of said participants has been previously set.

20           Needless to say that a near real-time introduction can be made when said answering deadline is as short as less than a few minutes, and that said answering deadline can be set to one day or several weeks.

25           It is also possible to use rapidly spreading portable phones in recent years as said terminals, and, in the case where said portable phone is employed as said terminal, it can be arranged so as to answer said questionnaire and be introduced

to ~~another~~ other persons anytime anywhere in spare time  
utilizing the feature of portable ~~phone~~ phones. Furthermore,  
if said introductory information is comprised to include the  
portable phone number, it becomes possible to talk to a partner  
5 on the spot by the portable phone, and, by doing so, the effect  
to provide an entirely new "encounter" can be expected.

Further, the present invention is characterized in that  
an additional step is included after the above-mentioned step  
(F), which makes it possible to communicate between both said  
10 participant and said other participant or among three persons  
or more. Since, in the case of a real-time performance of the  
method according to the present invention, it is possible to  
communicate with a person immediately after answering the  
questionnaire who is found by searching, the search for person  
15 can be carried out without being bored as compared with a case  
of non-real-time search.

Furthermore, the present invention is characterized in  
that an additional step is included after said step (E) and prior  
to said step (F), whereby it is confirmed whether said  
20 participants want mutual introductions or not.

And, prior to "said step to confirm whether said  
participants want mutual introduction or not" and after said  
step (E) "wherein the server detects other participants out of  
a plurality of said participants who have given the same or a  
25 similar answer and/or other participants out of a plurality of  
said participants who have given the entirely different answer",  
it is also possible to set up a step whereby a preliminary



introductory information can be obtained through the terminals so as to judge whether participants want mutual introduction or not[,]. Such ~~a~~ preliminary introductory information is formed from said personal information, and thought to include, 5 for example, the above described "age, gender, profile, etc.", which are harmless even though acquired by unknown parties.

Needless to say, such a step to acquire ~~a~~ preliminary introductory information through the terminals in advance is not essential in this invention, and the introductory 10 information may be presented not through such a step. For example, if said introductory information is merely a mail address, it is possible to sever a connection with an introduced participant by altering said mail address, and also since a recent mail software furnished by Microsoft Corp. has a function 15 to reject a mail from a particular mail address, a connection with an introduced participant will be also severed using such a function.

In the case where said other participant rejects the introduction, it is also possible to set up an additional step 20 to inform a participant of that fact through a display means of said terminal.

Furthermore, the present invention is characterized in that a plurality of questionnaires are previously prepared in the server at said step (C), and steps (C) through (E) are 25 repeated in the server at said step (E) until the detection results of detecting other participants out of a plurality of said participants who have given the same or a similar answer

and/or other participants out of a plurality of said participants who have given the opposite answer reach a specific number of people.

It is preferable that the participant side has no  
5 authority to decide said specific number of people, which is a number predetermined by the server side. That is because, in a case that where the participant side had authority to decide a number of people, said number narrowed down by the participants would be different among them, requiring  
10 adjustment for it. Namely, it is because there is a risk that one participant has no other corresponding participant based on the method of introduction according to this invention, while another participant may become an object for introduction as the one who has almost the same idea with that participant.

15 Furthermore, the present invention is characterized in that, in a method of searching for persons using a communication means, wherein said steps (C) through (E) are repeated until the search results of searching other participants out of a plurality of said participants who have given the same or a  
20 similar answer and/or other participants out of a plurality of said participants who have given the opposite answer reach a specific number of people in said step (E), in a case where said number of other participants becomes less than the specific number of people, said server returns to the search result of  
25 a question one prior to said question, and issues a message to said terminal to urge the participant to prioritize other participants to be mutually introduced, and proceeds to said

step (F) in a case where participants who want to be mutually introduced are present based on said order of priority input from said terminal.

Furthermore, the present invention is characterized in that said invention includes a step, wherein, while said steps (C) through (E) are being repeated, said server detects other participants out of a plurality of participants who have given the same or a similar answers and/or other participants out of a plurality of participants who have given the opposite answers, and notifies each participant of the detection results each time via said terminals.

A method for notifying the detection results obtained by repeating said steps (C) through (E) may include the display means of said terminal such as display on liquid crystal, loud speaker for voice display, etc.

Furthermore, the present invention is characterized in that said invention employs a method of selecting one answer out of a plurality of previously prepared answers to said questionnaire by participant's own will.

In the case where portable phone is employed as said terminal, the number of said answer choices is preferably several such as two or three which can be shown on the display of said portable phone.

Furthermore, the present invention is characterized in that said server sets up so that, out of said participant and other participants, a participant who expresses the desire to be introduced to the other participant after confirming his own

wish for that introduction will pay the fee for said communication means.

Furthermore, the present invention is characterized in that a server (apparatus) comprises the following compositions:

5       connecting means for connecting said server to a plurality of terminals enabling them to mutually communicate via the communicating means,

          a first memory means which has stored information on a plurality of questionnaires,

10       controlling means for controlling the appropriate extraction of information on questionnaires from said first memory means, transmission of said extracted information on questionnaires to a plurality of said terminals via said connecting means, receiving of information on answers given  
15 based on said information on questionnaires through the operation of terminals via said connecting means, and storing of it in a second memory means,

          statistical treatment means for performing statistical treatment based on the information on answers which has been  
20 received from each terminal and stored in said second memory means and,

          comparing means for comparing the results treated by said statistical treatment means with predetermined values,

          and that, when said comparing means judges that the result  
25 treated with said statistical treatment means coincides with said pre-set predetermined value, said controlling means controls so as to inform each of said terminals that the result

coincides with the predetermined value via said connecting means, and when the said result does not reach the predetermined value, said controlling means controls so as to transfer again said information on answers to each of said terminals.

5           This invention can be applied to not only a case of searching for persons who have the same or opposite way of thinking but also an assumed encounter with a person who has the same way of thinking on a genre such as "baseball" or with persons who have the same way of thinking on "politics". Other  
10 genre than the above-described ones includes states, celebrities such as talents, etc.

          Although different from the above-described two purposes of this invention, a conventional method of bringing strangers close together such as the one using the internet, etc. has been  
15 proposed in Japanese Patent application Laid-open No. Hei 6-19926.

          In this method, data requested by a partner to whom one user wants to be introduced and data on said participant himself are both registered beforehand, and when requests on both sides  
20 are found to be identical or close with each other by comparing data requested by other user with data of that user, an opportunity for having conversation between them is to be provided. In brief, it is as if a formal introduction to a prospective (marriage) partner had been carried out on the  
25 internet.

          However, since, in the above-described conventional method, data requested by one user is previously registered to

carry out the search for other users in accordance with said requested data as if a so-called marriage arrangement were carried out using a communicating means, a suitable partner won't be easily found as a matter of fact when said user has  
5 a too high image of the ideal person. That is, a fundamental difference between said system and the present invention lies in that, in contrast to the search for partner in accordance with the requested data in the conventional method, in this invention are searched persons having a similar or entirely  
10 opposite way of thinking based on objective information on said persons. Therefore, this invention cannot be easily conducted by simply applying said conventional techniques to the method of searching persons according to this invention.

#### **Brief Description of Drawings**

Fig. 1 is a system block diagram of one embodiment which has adopted this invention.

Fig. 2 is a detailed system block diagram depicting the server and terminals of Fig 1 in more detail.

Fig 3 is a flow chart describing an embodiment of a method of searching for persons which has adopted this invention.

Fig 4 is a continuation of the flow chart in Fig 3.

Fig 5 is a continuation of the flow chart in Fig 4.

#### **Detailed Description of the Preferred Embodiment**

In the following, a preferred embodiment of a method and a system of searching for persons using a communication means

according to this invention will be described.

(Summary) This invention relates to a system wherein an unspecified number of participants are able to answer several questionnaires using the terminal such as portable phone,  
5 personal computer, etc. widely spreading among general public as convenient tools, search for someone like me (SLM) who has given an answer most similar to that of one participant himself and someone unlike me (SUM) who has given an entirely opposite answer to that of said participant himself in the process of  
10 answering several questionnaires, and contact with each other as they wish to do so.

(Features) This invention can be applied to a game to find "another one just like me" whom everybody wants to know, and is not only to add up the answers to a questionnaire at once  
15 and inform said participants of the added-up results but also to display each participant of the number of persons who have passed the same or a similar judgment on each questionnaire via the above-described terminals giving pleasure to said participant to gradually establish his own identity based on  
20 the objective evaluation in this process. Finally, the invention enables a participant to directly communicate with persons who have given the entirely same answer as that of said participant himself to said questionnaire based on the mutual agreement via said terminals, directing an impossible encounter  
25 in the ordinary life. The invention also allows a participant to detect persons who have formed an entirely opposite judgment (way of thinking) in answering said questionnaire, and contact

such persons at the opposite side in this world according to the mutual agreement.

Fig. 1 shows a configuration diagram of the general construction of a system capable of implementing the method of this invention. In this figure, the numeral 1 represents a server, 10 an internet communication network, and 15, ...15 terminal each participant has. ~~As said~~ Said terminal 15 can be ~~appropriately used~~ a non-portable personal computer, portable notebook-type personal computer, exclusive terminal, etc., and in this embodiment, as shown in Fig. 2, a portable phone is employed as said terminal 15.

In the following, based on Fig. 2, the system of this embodiment will be described in more detail. As shown in Fig. 2, said terminal 15 is provided with a display means 16 such as a liquid crystal display, etc. and a plurality of button switches 17...17 as the inputting means for inputting characters or telephone numbers, etc.

On the other hand, said server 1 comprises a connecting means 2 for connecting it with a plurality of terminals 15 ...15 via a communicating means 10 as an internet line network which makes them possible to mutually communicate, a first memory means 3 for storing information on a plurality of questionnaires, and a controlling means 5 for controlling the appropriate extraction of information on said questionnaires from said first memory means 3, the transmission of said extracted information on questionnaires to a plurality of said terminals 15...15 via the connecting means 2, the receiving by



participants of information on answers given by the input operation to an inputting means 17 on said terminal 15 based on information on questionnaires displayed on said display means 16, and the storing of said received information on  
5 answers in the second memory means 4.

Said controlling means 5 comprises a statistical treatment means 6 for statistically treating each information on answers received from each of the terminals 15...15 which has been stored in said second memory means 4, and a comparing means  
10 7 for comparing the results processed by said statistical treatment means 6 with a predetermined value (the number of people in this embodiment is one), both means being electrically connected.

Furthermore, in said server 1, it is so arranged that,  
15 when the results of statistical treatment of a plurality of information on answers to the same questionnaire by said statistical treatment means 6 which have been transferred from each of said terminals 15...15 are judged to coincide with said predetermined value by said comparing means 7, said controlling  
20 means 5 informs each of said terminals 15...15 of that the results become the predetermined value via said connecting means 2, and when the results have not reached the predetermined value, information on a questionnaire different from that previously transferred is extracted from said first memory means 3, and  
25 said extracted information on questionnaire is transferred to each of the above-described terminals 15...15 so as to gradually narrow down the value until the predetermined value is judged

to be reached by said comparing means 7.

In addition, when the aforementioned value is judged to have become less than a predetermined value by said comparing means 7, said controlling means 5, based on the result obtained by narrowing down the value in the previous step, as described below, controls participants using the terminal 15 to display each individual information on said display means and transfer information by which a priority order of other participants is decided, to whom said participant wants to be introduced or with whom said participant wants to have a conversation, to each of said terminal via said connecting means 2.

The numeral 8 in Fig. 2 is an inputting means of the server 1, which is installed to carry out switching of information on questionnaire as described above and alteration in setting said "predetermined value" as a target value to be narrowed down.

Next, with reference to Figs. 3 through 5, [.]the proceeding of a method of searching for persons in one embodiment to which this invention is applied.

First, a manager of this server, a manager (management company) of a method of searching for persons, announces to start a program of searching for persons with a catch phrase such as "Don't you want to meet someone just like you who might exist in this world?" at a predetermined time on a specific date via mass communication, periodicals or internet (cf. step S1 in Fig. 3).

And, when said starting time is coming up, each participant calls the specified telephone number to connect the

server 1 and the participant's portable phone 15. At this stage, it is not known as to what participants gather or how many participants enter (cf. step S2 in Fig. 3.).

Next, when said terminal 15 and the server 1 are connected, said server 1 transfers a form to input a predetermined personal information to said terminal 15 via said connecting means 2. This data to be transferred is previously stored in said first memory means 3. Referring to said form to input said personal information shown on said display means 16 of said terminal 15, the participant inputs the required personal information by said inputting means 17 (cf. step S3 in Fig. 3).

Until ~~every~~ all personal information is input, said server 1 continues to demand the participant to input the information via said terminal 15 (cf. step S4 in Fig. 3).

When all the input of said personal information is completed, the server informs the participant that, when he continues to use this search system, he will be charged with an entry fee in addition to the telephone fee (See step S5 in Fig. 3). To collect said added entry fee, it may be possible to charge it added to the portable phone fee, and entrust the professional collector for the collection of said telephone fee, or, at the participant's option, it is also possible that ~~the~~ a card number is input in said personal information for the settlement of the fee on the credit card.

Next, when the participant cannot agree with the addition of the entry fee to the telephone fee, he stops the use of this system for termination. The subsequent search using the

present system is continued with that participant who cannot agree omitted (cf. step S6 in Fig. 3).

Then, the server 1 informs the participants who have agreed with the addition of the entry fee of the number of entry at the present time via the display means 16 of said terminal and in voice using a loudspeaker (not shown). Since, on said display means 16 is expressed the increase in the entry number growing every moment, that participant is hardly getting bored while waiting till the number of participants reaches a  
10 predetermined number described below (cf. step S7 in Fig. 3).

When the number of participants reaches the number predetermined by the server side, it stops the subsequent entry (see step S8 in Fig. 4). Such a limitation by the number of participants is to aim at matching the time for searching in  
15 the subsequent searches with the capability of server 1, but, in the case where the capability of server 1 has a reserve, or in the case where the number of members is predetermined because of the membership system, and the server has the capacity to meet this total number of members, it is possible to stop the  
20 subsequent entry by limiting the entry time.

And, during said entry accepting time (lag time), said server 1 broadcasts the theme song of this system through said terminals 15. Said lag time for entry is different from the interruption of a new entry in said step S8, but for dealing  
25 with a participant under a continual entry (see step S9 in Fig. 4). That is, since the terminal 15 and the server 1 have been already connected through the internet communication line net

work 10, so that the entry is the one in the stage which has been initiated, by interruption of entry by said step S8 is meant that the entry of reserved members who want to subsequently connect with the server 1 is interrupted.

5           In the next step, since a fair number of participants have been determined in the steps hitherto described, the server 1 informs a plurality of participants of the initiation of search for persons via said terminal 15. After giving said notice, the controlling means 5 of said server 1 extracts the first  
10           questionnaire from the information on questionnaires stored in said first memory means 3, and displays it on the display means 16 at said terminal\_15 via the connecting means 2. For example, a questionnaire such as "In a case that an aged person stands in front of you in the electric train, which action out of the  
15           followings following do you take?" (cf. step S10 in Fig. 4).

          After the questionnaire is displayed on the display means 16, choices are subsequently shown on said display means 16. Information on choices to display these choices is previously stored in said first memory means 3. For example, as choices  
20           for said exemplified questionnaire may be included those such as "1. neglect it", "2. give away the seat", and "3. pretend to sleep".

          Lag time for answering said questionnaire has been previously set by the server 1 side. After the predetermined  
25           period of time for answering said questionnaire has passed, said server 1 discontinues receiving the information on answers from the terminal 15, and notifies each terminal of the information,

"Of all the entrants ( $n = a$ ), a number of persons ( $n = b$ ) have given the same answer as yours." (cf. the step S12 in Fig. 4).

Meanwhile, said server 1 checks every participant whether, of all the present participants, the number of other  
5 participants who have given the same answer as that of a particular participant amounts to the predetermined number of people or not by said judgment means 7 (cf. the step S13 in Fig. 5).

Herein, the reason why the server 1 checks every  
10 participant as described above is that, for example, given 100 participants as the entrant, in case that said predetermined number is reached by the answer to the first questionnaire if the predetermined number is 2, the search would be continued for the remaining 98 participants as it stands (returning by  
15 the symbol C in Fig. 5 to the step S10 in Fig. 4, and receiving the second questionnaire from the server 1), while the narrowed down 2 persons proceed to the step S15, wherein they ascertain whether they want the mutual introduction, and, in case that they agree about the mutual introduction, they further proceed  
20 to the step S18 described below.

As described above, in case that said judgment means 7 judges that the number of people reaches the predetermined value, the server 1 then modifies the personal information which has been previously input and displays the thus modified personal  
25 information to each participant from the mutual terminal 15 in voice or by a display means (cf. the step S14 in Fig. 5). The reason why the control means 5 of said server 1 once modifies

the personal information stored in said second memory means 4  
without displaying it as such is that, at this stage, it is not  
confirmed whether the mutual introduction is really wanted or  
not. Therefore, the modified personal information has become  
5 harmless even though it is notified to the other partner.

Next, via the terminals 15, participants decide whether  
they want the mutual introduction or not.

If, in the case where even either one of the two  
participants does not want the introduction at this stage, the  
10 server 1 moves to the step S16 in Fig. 5, and notifies that other  
participant does not want to be introduced through the terminal  
15.

And, in the case where participants want to be introduced,  
the server 1 moves to the step S17 in Fig. 5, and waits for the  
15 judgment results as to whether the partner wants to be  
introduced. When the judgment results in "not want to be  
introduced", the server 1 moves to the said S16.

And, in the case where they want the mutual introduction,  
the system moves to the step S18, automatically connects the  
20 terminals 15 with each other via the server 1, so that the mutual  
vocal communication can be performed since said terminals 15  
are the portable phones in this embodiment. Needless to say,  
it is also possible to construct so as to communicate by the  
character message, and add a step to make participants to decide  
25 which form of communication to be used.

In the above-described method of searching for persons,  
"another one like me" who has the same way of thinking is searched

based on whether the answer to the same questionnaire coincides or not. However, needless to say, the method of searching for persons is not limited to this, and it may be modified so as to search for persons who give the entirely opposite answer, and both persons who give the same and opposite answers.

The present invention constructed as described above will exert the following effects.

That is, the present invention is a method of searching for persons using a communication means comprising a plurality of the following steps:

- (A) a step whereby a plurality of participants connect their terminals with a server in a condition enabling their mutual communication via a communication means,
- (B) a step whereby each of said participants inputs personal information thereof into said server from said terminals,
- (C) a step whereby said server provides a questionnaire that has been stored therein to each of said participants via said terminals,
- (D) a step whereby said participants answer said questionnaire provided by said server using said terminals,
- (E) a step whereby said server detects other participants among a plurality of said participants who have given the same or a similar answer and/or other participants a plurality of said participants who have given an opposite answer, and
- (F) a step whereby an introductory information is provided via said terminals which has been formed based on said mutual personal information between said participant and said other



participants who have given the same or a similar answer, and/or who have given an opposite answer detected by said detection.

Therefore, it is possible for said method to provide an opportunity to contact other participants who have a similar way of thinking as that of a particular participant himself and/or other participants who have an entirely different way of thinking from that of a particular participant himself. Since this method makes it possible to provide such an opportunity, said method is not only applicable, for example, to a game to find "another person just like me" existing in this world whom ~~every body~~ everybody wants to know but also enables a participant to specify a person who has formed an opposite judgment to said participant and contact such a person who has an entirely opposite way of thinking in this world. That is, by this invention, it is possible to be introduced to other participants who have the same or a similar way of thinking as that of a particular participant himself, who have an entirely opposite way of thinking to that of a particular participant himself, or both of other participants who have the same or a similar way of thinking as that of a particular participant himself and who have an entirely opposite way of thinking to that of a particular participant himself.

Although it is fairly difficult to know whether a person has the same way of thinking as that of a particular person himself or an opposite way of thinking to that of a particular person himself because they hardly reveal their true intentions in the ordinary social life and also because they are reserved

with each other unless they are old acquaintance, the method of introduction according to this invention is advantageous in that a particular person can be introduced to a stranger after confirming to a certain extent whether said stranger has the same way of thinking as that of a particular person or not. Furthermore, to improve the accuracy of analysis as to whether another person has the same way of thinking as that of a particular person himself, it is possible to do so by posing a questionnaire in accordance with the human psychology.

In the invention, since a common deadline for answering said questionnaire by a plurality of participants has been previously set, the answering to a questionnaire by every participant will proceed simultaneously, so that this invention can provide a reliable method of introduction to be more unintentional and practical as compared with a method of searching for persons who have given a similar answer to that of a particular person and/or who have given an opposite answer to that of a particular person out of information on answers to the same questionnaire corresponding to, for example, about 100 participants which have been provided beforehand.

In the invention, since, after said step (F) is included a step enabling communications between said participant and said other participant or among more than three participants, it is possible to acquire an opportunity to immediately communicate with persons who have been searched out without losing interest. In the case where the communication is made by telephone call, etc., unless the communication can be made

immediately, there is a risk for that the contact cannot be made later due to the absence of the other party even though the communication is wanted to be made, but this invention can get rid of these risks.

5           In the invention, since after said step (E) and prior to said step (F) another step is included ~~other step~~ for confirming whether said participants desire mutual introductions or not, a careless disclosure of personal information to a stranger can be prevented by providing the introductory information only  
10 when two or three participants including said participant himself and other participants who have given the same or a similar answer as that of said participant himself or who have given the opposite answer to that of said participant himself want the introduction, respectively. That is, it is preferable  
15 to provide the introductory information only when parties to be introduced want the introduction with each other.

          Furthermore, prior to "said step for confirming whether said participants desire the mutual introduction or not" and after "said step (E) wherein the server detects other  
20 participants who have given the same or a similar answer out of a plurality of said participants and/or other participants who have given an opposite answer out of a plurality of said participants", it is also possible to set up a step, whereby those participants can obtain ~~a~~-preliminary introductory  
25 information to judge whether they would like to be introduced with each other via said terminals. Such ~~a~~-preliminary introductory information is exemplified by information, which

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is made from said personal information and unharmed even if disclosed to a stranger, including, for example, the above described "age, gender or profile".

Needless to say, such a step whereby a preliminary  
5 introductory information can be obtained via terminals is not essential in this invention, and the introductory information may be displayed by other devices via no such a step. For example, if said introductory information is only a mail address, it is also possible to sever the connection with that introduced  
10 participant by changing said mail address, or using a function to reject a mail from a specified mail address which is provided by the latest mail software available from Microsoft Corp. [.]

Since the invention is characterized in that a plurality of questionnaires are provided by the server at said step (C)  
15 beforehand, and that said server detects other participants among a plurality of said participants who have given the same or a similar answer and/or other participants out of a plurality of said participants who have given an opposite answer at said step (E), and said steps (C) through (E) are repeated until the  
20 detection result reaches a predetermined number of people, it becomes possible to easily narrow down the number of other participants who have the same or a similar way of thinking as a participant himself or who have an opposite way of thinking to said participant himself through such a plurality of  
25 questionnaires. If a plurality of questionnaires are not provided, and if the answer to the one questionnaire for one participant himself becomes almost identical to that for a

plurality of other participants who simultaneously perform this method of introduction, there will be arisen a problem that the number of persons, even though they are subsequently introduced, becomes too large to be handled, but, as in this method, the  
5 number of those persons can be narrowed down by providing a plurality of questionnaires and repeating the answering to said questionnaires until the number of persons who have given the answer reaches a predetermined value.

The present invention, since a method of searching for  
10 persons using a communication means, wherein said server detects other participants among a plurality of participants who have given the same or a similar answer and/or other participants among a plurality of participants who have given an opposite answer at said step (E), and said steps (C) through  
15 (E) are repeated until the detection result reaches the predetermined number of persons, wherein, in the case where the detection result becomes less than the predetermined number of persons, the server goes back to the detection results of a questionnaire one prior to the above-mentioned questionnaire,  
20 and transmits a message to said terminal to direct the particular participant to prioritize other participants to be mutually introduced, and wherein, in the case where other participants to whom mutual introduction is desired are present based on said order of priority which is input from said terminal,  
25 the server proceeds to said step (F). Therefore, it can be prevented that the search for persons eventually results in the finding of no one who would fit the requirement.

Since the present invention is characterized in that the steps are included whereby, while said steps (C) through (E) are repeated, said server detects other participants among a plurality of participants who have given the same or a similar answer and/or other participants among a plurality of participants who have given an opposite answer, and notifies each participant of the detection result every time via said terminals. Therefore, in addition to those steps of the above-described invention, the steps whereby steps (C) through (E) are repeated so that said server detects other participants among a plurality of said participants who have given the same or a similar answer and/or other participants among a plurality of said participants who have given an opposite answer, and notifies each participant of the detection result every time via said terminals can be pursued grasping the number of other participants who have the same way of thinking as the participant himself and/or an opposite way of thinking to the participant himself for a particular questionnaire, so that the method including said steps can be carried out with a feeling as if a game were played over a plurality of said questionnaires.

Since the present invention is characterized in that said invention adopts an alternative choice method wherein participants, of their own will, select one answer out of a plurality of answers which have been previously prepared, the process by the server becomes markedly easy by using the alternative choice method which eliminates the necessity of treating differences in the answer expression due to a plurality

of participants as compared with the case where the alternative choice method is not employed.

The present invention is characterized in that said invention adopts a method wherein the server makes arrangements  
5 so that a participant out of said ~~participant~~ participants or other participants who expresses the desire to be introduced to the other participant would pay the fee for said communication means after confirming his desire to be introduced to a partner. Since a participant who has first  
10 expressed the desire to be introduced does not have to bear the communication fee, so that said method can contribute to the decision of the desire to be introduced among participants in a short time.

Since the invention of the server (apparatus) is  
15 characterized in that said apparatus comprises:

connecting means for connecting said server with a plurality of terminals enabling them to mutually communicate via a communication means,

a first memory means for storing information on a  
20 plurality of questionnaires,

controlling means for controlling the appropriate extraction of information on questionnaires from said memory means, transfer of said extracted information on questionnaires to a plurality of said terminals via said connecting means,  
25 receiving of information on answers given based on said questionnaire information by operation of terminals via said connecting means, and storing said information in a second



memory means, statistical treatment means for performing a statistical treatment based on answer information received from each terminal which has been stored in said second memory means, and comparing means for comparing the results processed by said statistical treatment means with a pre-set predetermined value, and controlling so that, when said comparing means judges that the result treated with said statistical treatment means coincides with said predetermined value, said controlling means controls so as to inform each of said terminals that the result coincides with the predetermined value via said connecting means, and when the result does not reach the predetermined value, said controlling means controls so as to transfer said information on answers to each of said terminals, again. Therefore, the effects as described above can be expected.

Furthermore, since the mutual encounter of said participants according to the invention is not in the form of interview but the encounter using the communication line, anxiety about ~~what person in another party is~~ can be reduced. That is, although it seems natural that everybody is curious to meet a person (irrespective of gender) who has a similar or the same way of thinking as that of a participant himself, or who has an opposite way of thinking to that of the participant himself, but has a certain degree of uneasiness as to what to do if that person is formidable, such anxiety can be abolished by arranging the meeting through a communication means.